

00010091
Oxe-0140
1 OF 1

25 November 1959

Dear Ed,

At our last meeting we discussed some of the mechanical problems associated with deforming material on to a spherical surface. It would be helpful to us if you could provide us with data on such mechanical properties as are pertinent.

If you know of some birefringent plastic that has similar mechanical properties, we could run polarization tests to determine the stress pattern. Any ideas?

In regard to the skidding turn, we plan to investigate the possibility of air flotation. Could you provide us with data on the type and porosity of the sintered materials you use and could you suggest the range of air pressure which should be employed?

Thanks very much.

Milt
Milt

MDR:mb

cc: LEW v

OXC 0046

Copy 4 of 7

13 October 1959

MEMORANDUM FOR: Chief, Development Branch

SUBJECT : OXCART

1. In reply to your memo of 30 September, Subject: OXCART, the following initial planning factors are provided:

a. 25 Hours/acft/mo for each available acft thruout the test and operational phase.

b. A single U. S. base concept of operation is recommended. However, in event of refueling problems the present overseas U-2 operating bases could be utilized if they are still operational and the Agency has an active unit there.

2. For your information the above flying hour program was based on the premise that [REDACTED] pilots would be assigned to this program.

SIGNED

STANLEY W. BEERLI
Colonel, USAF
Chief, Operations Branch
DPD-DD/P

Ops/DPD-DD/P/JFR:aem

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